



Chair of Hydraulic and Water Resources Engineering - Overview summer semester 2020

IMPORTANT: The teaching style and time of the lectures differs this semester (e.g. online teaching). Please find all details regarding the respective courses on Moodle.

This list contains all courses offered by the Chair of Hydraulic and Water Resources Engineering in the summer semester 2020. The **courses in blue are additionally offered during SuSe2020**, while the **courses in red will not take place**. The **Laboratory exercises, in purple, are only possible in the labs, i.e. require presence**. At the moment, we are still planning on offering these courses, however we currently cannot guarantee that they will take place.

Bachelor			
EE/CE	Module	Course	Teaching language
CE/EE	[BV000048] Hydraulic Structures and Water Resources Engineering Supplementary Module	(820887261) Hydraulic Structures and Water Resources Engineering Supplementary Module	DE
CE/EE	[BV000030] Hydraulic and Water Resources Engineering Basic Module*	(0000005588) Exercise Hydraulic and Water Resources Engineering Basic Module	DE
CE/EE	[BV000049] Construction in Hydraulic Engineering	(820632289) Construction in Hydraulic Engineering	DE

* For the Basic Module, only the Exercise is offered in the summer semester 2020 as a voluntary course for exam preparation. The lecture and thus the whole module is not offered. The whole module will be regularly offered during the winter semester.

Master			
EE/CE	Module	Course	Teaching language
CE	[VK] [BV460007] Planning and Design in Water Engineering	(0000004544) Project work in hydraulic engineering and water management	EN, DE
CE	[VK] [BV170004] River Engineering and Hydromorphology	(820834353) River Engineering and Hydromorphology	EN
CE/EE	[VK] [BGU46027] Rapidly Varying Flows in Hydraulic Engineering	(0000004257) Rapidly Varying Flows in Hydraulic Engineering	EN
CE/EE	[VK] [BV460012] Rivers as an Ecosystem	(0000000895) Rivers as an Ecosystem (920943197) Aquatic Ecology and Conservation	EN
CE/EE	[VK] [BGU46034] Hydraulic Machinery and Plants Laboratory	(0000012016) Hydraulic Machinery and Plants Laboratory	EN, DE
CE/EE	[VK] [BGU46032] Hydraulics in Water Engineering Laboratory	(0000000264) Hydraulics in water engineering laboratory	EN, DE
CE/EE	[VK] [BGU46042] Modeling of Habitat for Fish and Invertebrates in Rivers	(0000004644) Modeling of Habitat for Fish and Invertebrates in Rivers	EN
CE/EE	[VK] [BGU46028] Mathematical Modeling of Hydrodynamics and Water Quality in Coastal Regions	(0000002859) Mathematical Modeling of Hydrodynamics and Water Quality in Coastal Regions	EN
CE/EE	[VK] [BGU46040] Ocean and Wind Energy	not offered	
CE/EE	[VK] [BV460019] Inland Navigation Management and Constructions	(0000001776) Inland Navigation Management and Construction	DE
CE/EE	[VK] [BGU46021] Hydro Power and Energy Storage - Project Work	not offered	
CE/EE	[VK] [BGU46040] Ocean and Wind Energy	not offered	
CE/EE	[VK] [BV460019] Inland Navigation Management and Constructions	(0000001776) Inland Navigation Management and Construction	DE
CE/EE	[VK] [BGU46021] Hydro Power and Energy Storage - Project Work	not offered	
EE	[VK] [BGU46039] Ethics in Science and Technology	(0000000406) Ethics in Science and Technology - Part 2	EN
EE	[VK] [BV460014] Environmental Hydrodynamic Modelling	(0000000428) Environmental Hydrodynamic Modelling II	EN